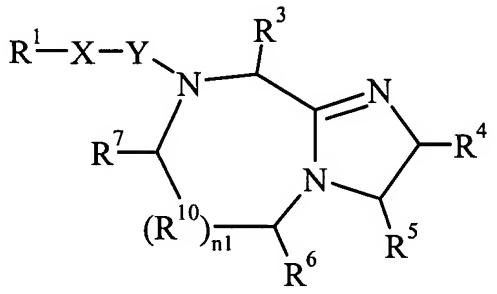
COMPLETE LISTING OF ALL CLAIMS, WITH MARKINGS AND STATUS IDENTIFIERS
(Currently amended claims showing deletions ~~by strikethrough~~ and additions by underlining)

In the Claims

1. (Canceled)

2. (Currently amended) A pharmaceutical composition ~~according to claim 1,~~ comprising a farnesyl transferase inhibitor, or a pharmaceutically acceptable salt thereof, and an anthracycline, or a pharmaceutically acceptable salt thereof,

wherein said farnesyl transferase inhibitor is according to formula I:



(I)

wherein

n1 is 0 or 1;

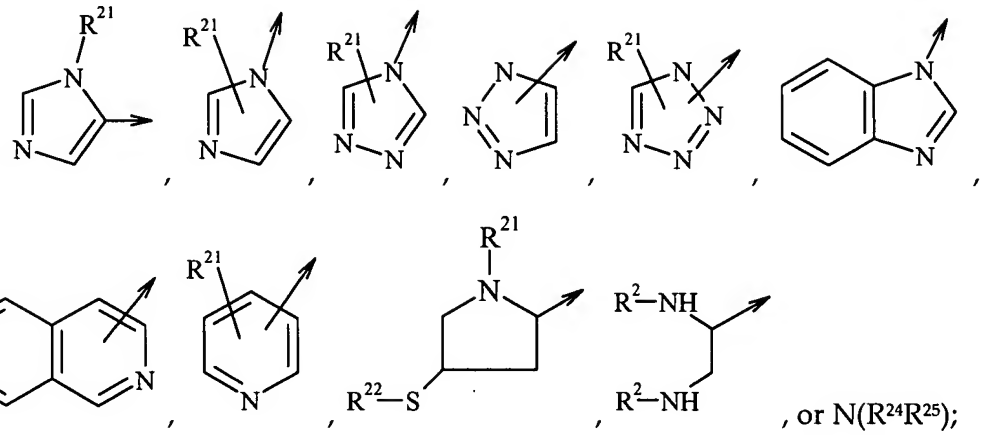
X is, independently for each occurrence, $(CHR^{11})_{n3}(CH_2)_{n4}Z(CH_2)_{n5}$;

Z is O, $N(R^{12})$, S, or a bond;

n3 is, independently for each occurrence, 0 or 1;

n4 and n5 each is, independently for each occurrence, 0, 1, 2, or 3;

Y is, independently for each occurrence, CO, CH_2, CS, or a bond;

R^1 is  , or $N(R^{24}R^{25})$;

R^2, R^{11}, and R^{12} each is, independently for each occurrence, H or an optionally substituted moiety selected from the group consisting of (C_{1-6})alkyl and aryl, wherein said optionally substituted moiety is optionally substituted with one or more of R^8 or R^{30};

R^3 is, independently for each occurrence, H or an optionally substituted moiety selected from the group consisting of (C_{1-6})alkyl, (C_{2-6})alkenyl, (C_{2-6})alkynyl, (C_{3-6})cycloalkyl, (C_{3-6})cycloalkyl(C_{1-6})alkyl, (C_{5-7})cycloalkenyl, (C_{5-7})cycloalkenyl(C_{1-6})alkyl, aryl, aryl(C_{1-6})alkyl, heterocyclyl, and heterocyclyl(C_{1-6})alkyl, wherein said optionally substituted moiety is optionally substituted with one or more R^{30};

R^4 and R^5 each is, independently for each occurrence, H or an optionally substituted moiety selected from the group consisting of (C_{1-6})alkyl, (C_{3-6})cycloalkyl, aryl, and heterocyclyl, wherein said optionally substituted moiety is optionally substituted with one or more R^{30}, wherein each said substituent is independently selected, or R^4 and R^5 can be taken together with the carbons to which they are attached to form aryl;

R^6 is, independently for each occurrence, H or an optionally substituted moiety selected from the group consisting of (C_{1-6})alkyl, (C_{2-6})alkenyl, (C_{3-6})cycloalkyl, (C_{3-6})cycloalkyl(C_{1-6})alkyl, (C_{5-7})cycloalkenyl, (C_{5-7})cycloalkenyl(C_{1-6})alkyl, aryl, aryl(C_{1-6})alkyl, heterocyclyl, and heterocyclyl(C_{1-6})alkyl, wherein said optionally substituted moiety is optionally substituted with one or more substituents each

independently selected from the group consisting of OH, (C_{1-6})alkyl, (C_{1-6})alkoxy, -N(R^8R^9), -COOH, -CON(R^8R^9), and halo,

where R^8 and R^9 each is, independently for each occurrence, H, (C_{1-6})alkyl, (C_{2-6})alkenyl, (C_{2-6})alkynyl, aryl, or aryl(C_{1-6})alkyl;

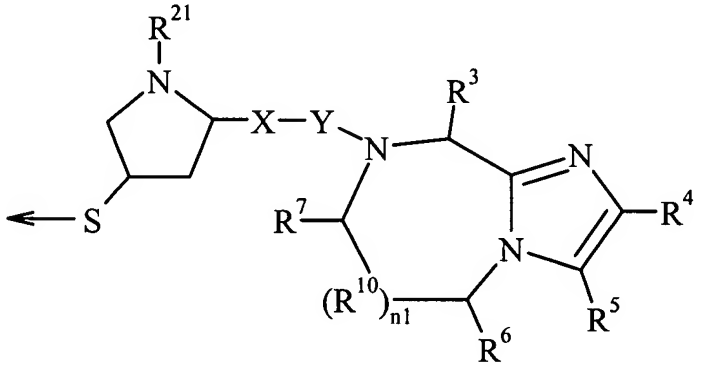
R^7 is, independently for each occurrence, H, =O, =S, or an optionally substituted moiety selected from the group consisting of (C_{1-6})alkyl, (C_{2-6})alkenyl, (C_{3-6})cycloalkyl, (C_{3-6})cycloalkyl(C_{1-6})alkyl, (C_{5-7})cycloalkenyl, (C_{5-7})cycloalkenyl(C_{1-6})alkyl, aryl, aryl(C_{1-6})alkyl, heterocyclyl, and heterocyclyl(C_{1-6})alkyl, wherein said optionally substituted moiety is optionally substituted with one or more substituents each independently selected from the group consisting of OH, (C_{1-6})alkyl, (C_{1-6})alkoxy, -N(R^8R^9), -COOH, -CON(R^8R^9), and halo;

R^{10} is C;

or when n1 = 0, R^6 and R^7 can be taken together with the carbon atoms to which they are attached to form aryl or cyclohexyl;

R^{21} is, independently for each occurrence, H or an optionally substituted moiety selected from the group consisting of (C_{1-6})alkyl and aryl(C_{1-6})alkyl, wherein said optionally substituted moiety is optionally substituted with one or more substituents each independently selected from the group consisting of R^8 and R^{30};

R^{22} is H, (C_{1-6})alkylthio, (C_{3-6})cycloalkylthio, R^8–CO-, or a substituent according to the formula



;

R^{24} and R^{25} each is, independently for each occurrence, H, (C_{1-6})alkyl, or aryl(C_{1-6})alkyl;

R^{30} is, independently for each occurrence, (C_{1-6})alkyl, -O-R^8, -S(O)$_{n6}R^8$, -S(O)$_{n7}$N(R^8R^9),

-N(R^8R^9), -CN, -NO_2, -CO_2R^8, -CON(R^8R^9), -NCO-R^8, or halogen;

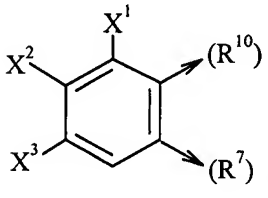
n6 and n7 each is, independently for each occurrence, 0, 1, or 2;

wherein said heterocyclyl is azepinyl, benzimidazolyl, benzisoxazolyl, benzofurazanyl, benzopyranyl, benzothiopyranyl, benzofuryl, benzothiazolyl, benzothienyl, benzoxazolyl, chromanyl, cinnolinyl, dihydrobenzofuryl, dihydrobenzothienyl, dihydrobenzothiopyranyl, dihydrobenzothio-pyranyl sulfone, furyl, imidazolidinyl, imidazolinyl, imidazolyl, indolinyl, indolyl, isochromanyl, isoindolinyl, isoquinolinyl, isothiazolidinyl, isothiazolyl, isothiazolidinyl, morpholinyl, naphthyridinyl, oxadiazolyl, 2-oxoazepinyl, 2-oxopiperazinyl, 2-oxopiperidinyl, 2-oxopyrrolidinyl, piperidyl, piperazinyl, pyridyl, pyridyl N-oxide, quinoxalinyl, tetrahydrofuryl, tetrahydroisoquinolinyl, tetrahydro-quinolinyl, thiamorpholinyl, thiamorpholinyl sulfoxide, thiazolyl, thiazolinyl, thienofuryl, thienothienyl, or thienyl; and

wherein said aryl is phenyl or naphthyl;

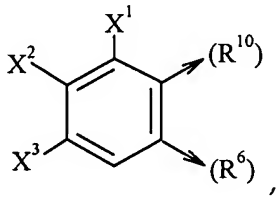
provided that:

when n1 = 1, R^{10} is C and R^6 is H, then R^{10} and R^7 can be taken together to form



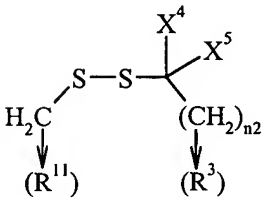
; or

when n1 = 1, R^{10} is C, and R^7 is =O, -H, or =S, then R^{10} and R^6 can be taken together to form



,

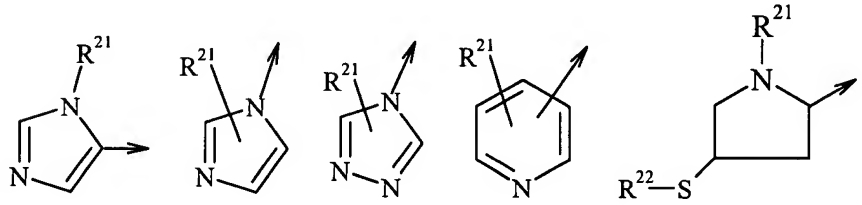
wherein X^1, X^2, and X^3 each is, independently, H, halogen, -NO_2, -NCO-R^8, -CO_2R^8, -CN, or -CON(R^8R^9); and

when R^1 is $N(R^{24}R^{25})$, then n3 is 1, n4 and n5 each is 0, Z is a bond, and R^3 and R^{11} can be taken together to form  ,

wherein n2 is 1-6, and X^4 and X^5 each is, independently, H, (C_{1-6})alkyl, or aryl, or X^4 and X^5 can be taken together to form (C_{3-6})cycloalkyl;

or a pharmaceutically acceptable salt thereof.

3. (Original) A pharmaceutical composition according to claim 2, wherein:

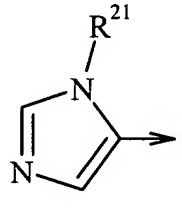
R^1 is  , or $N(R^{24}R^{25})$;

and

X is $CH(R^{11})_{n3}(CH_2)_{n4}$ or Z, wherein when X is Z, Z is O, S, or $N(R^{12})$;

or a pharmaceutically acceptable salt thereof.

4. (Original) A pharmaceutical composition according to claim 3, wherein:

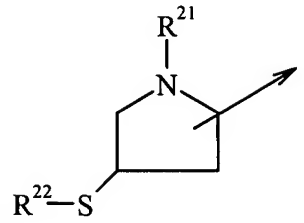
R^1 is  ;

X is $CH(R^{11})_{n3}(CH_2)_{n4}$; and

n1 is 0;

or a pharmaceutically acceptable salt thereof.

5. (Original) A pharmaceutical composition according to claim 3, wherein:

R^1 is  ;

n3, n4, and n5 each is 0;

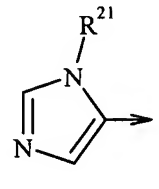
Z is a bond;

Y is, independently for each occurrence, CO or CS; and

n1 is 0;

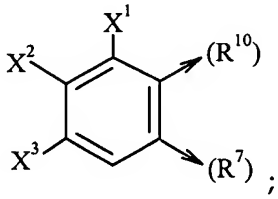
or a pharmaceutically acceptable salt thereof.

6. (Original) A pharmaceutical composition according to claim 3, wherein:

R^1 is  ;

R^6 is H;

n1 is 1;

R^7 and R^{10} are taken together to form  ;

n3 is 1 and R^{11} is H;

Z is O or a bond;

n5 is 0; and

Y is CO, CH_2, or a bond;

or a pharmaceutically acceptable salt thereof.

7. (Original) A pharmaceutical composition according to claim 3, wherein:

R^1 is $N(R^{24}R^{25})$;

n1 is 0;

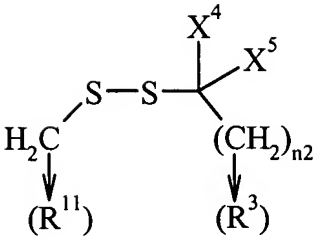
n3 is 1;

n4 is 0;

n5 is 0;

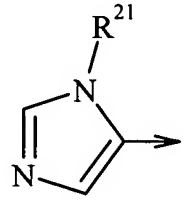
Y is CO or CS;

Z is a bond; and

R^3 and R^{11} are taken together to form  ,

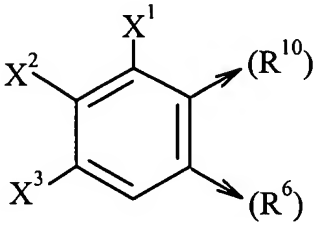
or a pharmaceutically acceptable salt thereof.

8. (Original) A pharmaceutical composition according to claim 3, wherein said farnesyl transferase inhibitor is a compound of formula I, wherein:

R^1 is  ;

R^7 is H or =O;

n1 is 1;

R^6 and R^{10} are taken together to form  ;

n3 is 1 and R^{11} is H;

n5 is 0;

Y is CO or CH_2; and

Z is O or a bond;

or a pharmaceutically acceptable salt thereof.

9. (Original) A pharmaceutical composition according to claim 2, wherein said farnesyl transferase inhibitor is:

8-butyl-7-(3-(imidazol-5-yl)-1-oxopropyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

8-butyl-2-(2-hydroxyphenyl)-7-(imidazol-4-yl-propyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

8-butyl-7-(4-imidazolylpropyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-(2-(imidazol-4-yl)-1-oxo-ethyl)-2-(2-methoxyphenyl)-8-(1-methylpropyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

2-(2-methoxyphenyl)-8-(1-methylpropyl)-7-(1-oxo-2-(1-(phenylmethyl)-imidazol-5-yl)ethyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

2-(2-methoxyphenyl)-8-(1-methylpropyl)-7-(2-(1-phenylmethyl)-imidazol-5-yl)ethyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-(2-(1-(4-cyanophenylmethyl)-imidazol-5-yl)-1-oxo-ethyl)-2-(2-methoxyphenyl)-8-(1-methylpropyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-((1H-imidazol-4-yl)methyl)-2-(2-methoxyphenyl)-8-(1-methylpropyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-((4-imidazolyl)carbonyl)-2-(2-methoxyphenyl)-8-(1-methylpropyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-(1-(4-cyanophenylmethyl)-imidazol-5-yl)methyl-2-(2-methoxyphenyl)-8-(1-methylpropyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-(2-(4-cyanophenylmethyl)-imidazol-5-yl)-1-oxo-ethyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine;

5-butyl-7-(2-(4-cyanophenylmethylimidazol-5-yl)-1-oxo-ethyl)-2-phenyl-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

6-butyl-7-(2-(4-cyanophenylmethylimidazol-5-yl)-1-oxo-ethyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine;

6-butyl-7-(2-(4-cyanophenylmethylimidazol-5-yl)-1-oxo-ethyl)-2-phenyl-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine;

5-butyl-7-(2-(1-(4-cyanophenylmethyl)-imidazole-5-yl)-1-oxo-ethyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-(2-(1-(4-cyanophenylmethyl)-imidazole-5-yl)-1-oxo-ethyl)-8-(cyclohexylmethyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

5-butyl-7-(2-(1H-imidazole-5-yl)-1-oxo-ethyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine;

7-(2-(4-cyanophenylmethyl)-imidazol-5-yl)-1-oxo-ethyl)-2-(2-(phenylmethoxy)-phenyl)-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine; or

2-(2-butoxyphenyl)-7-(2-(4-cyanophenylmethyl)-imidazol-5-yl)-1-oxo-ethyl)-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine;

or a pharmaceutically acceptable salt thereof.

10. (Original) A pharmaceutical composition according to claim 2, wherein said farnesyl transferase inhibitor is:

1,2-dihydro-1-((1H-imidazol-4-yl)methyl)-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine;

1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine ;

9-bromo-1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine;

9-Chloro-1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine;

10-Bromo-1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine;

1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-8-fluoro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine; or
or a pharmaceutically acceptable salt thereof.

11. (Previously presented) A pharmaceutical composition according to claim 10, wherein said farnesyl transferase inhibitor is:

1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine ;

9-bromo-1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine;

9-Chloro-1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine;

10-Bromo-1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine;

1-(2-(1-(4-cyanophenylmethyl)imidazol-4-yl)-1-oxoethyl)-1,2-dihydro-8-fluoro-4-(2-methoxyphenyl)-imidazo[1,2-c][1,4]benzodiazepine.

12. (Previously presented) A pharmaceutical composition according to claim 2, wherein said farnesyl transferase inhibitor is:

7-(2-amino-1-oxo-3-thiopropyl)-8-(mercaptoethyl)-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2a]pyrazine disulfide;
or a pharmaceutically acceptable salt thereof.

13. (Previously presented) A pharmaceutical composition according to claim 2, wherein said farnesyl transferase inhibitor is:

5-(2-(1-(4-cyanophenylmethyl)-imidazol-5-yl)-1-oxo-ethyl)-5,6-dihydro-2-phenyl-1H-imidazo[1,2-a][1,4]benzodiazepine;
or a pharmaceutically acceptable salt thereof.

14. (Previously presented) A pharmaceutical composition according to claim 2, wherein said farnesyl transferase inhibitor is:

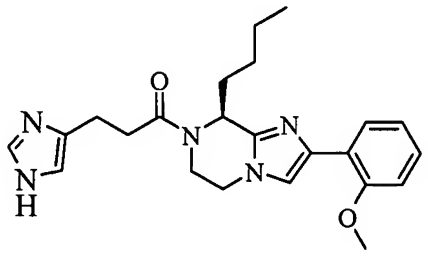
1,2-dihydro-1-(2-(imidazol-1-yl)-1-oxoethyl)-4-(2-methoxyphenyl) imidazo[1,2a][1,4]benzodiazepine;

1,2-dihydro-4-(2-methoxyphenyl)-1-(2-(pyridin-3-yl)-1-oxoethyl) imidazo[1,2a][1,4]benzodiazepine; or

1,2-dihydro-4-(2-methoxyphenyl)-1-(2-(pyridin-4-yl)-1-oxoethyl) imidazo[1,2a][1,4]benzodiazepine;

or a pharmaceutically acceptable salt thereof.

15. (Original) A pharmaceutical composition according to claim 2, wherein said farnesyl transferase inhibitor is:



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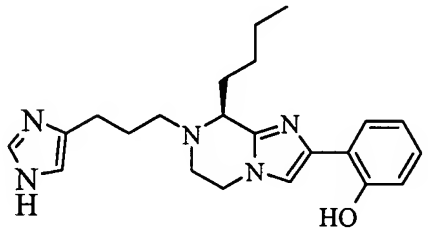

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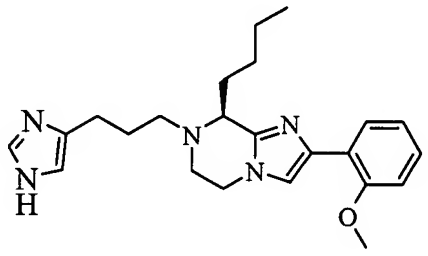

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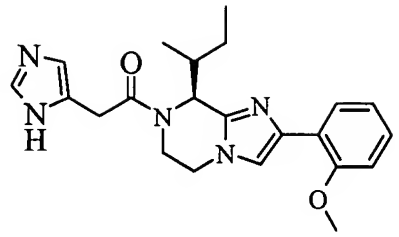

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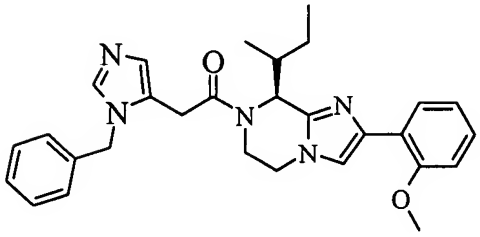

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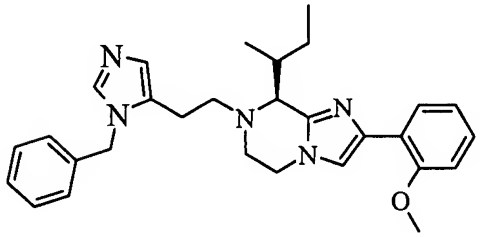

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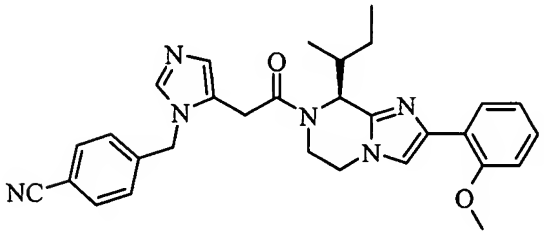

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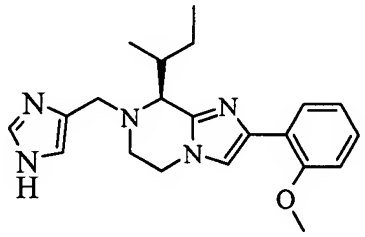

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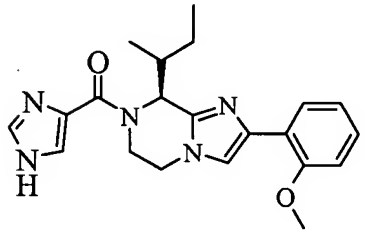

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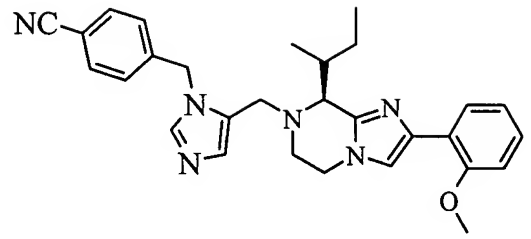
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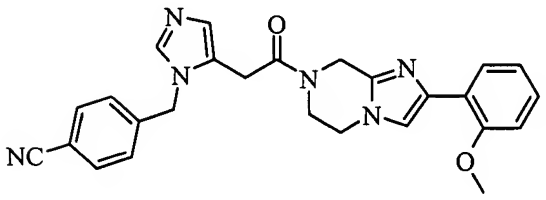
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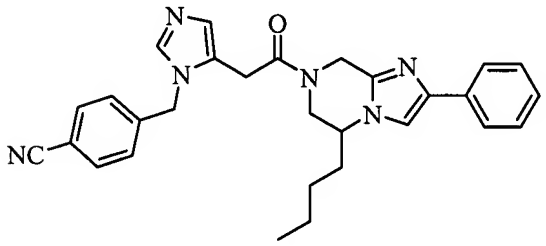
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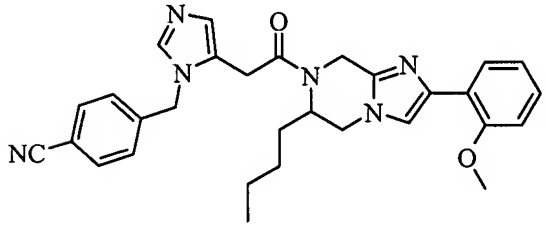
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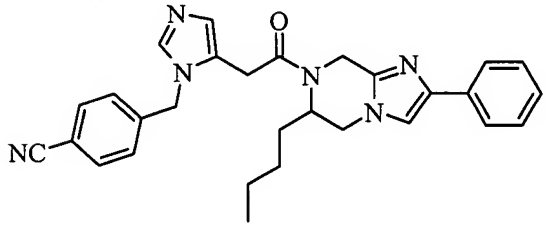
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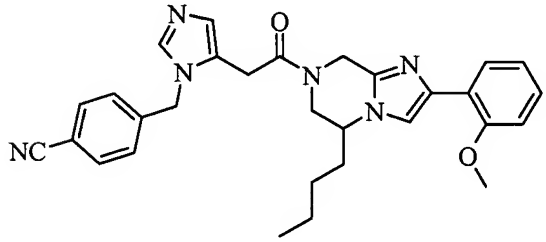
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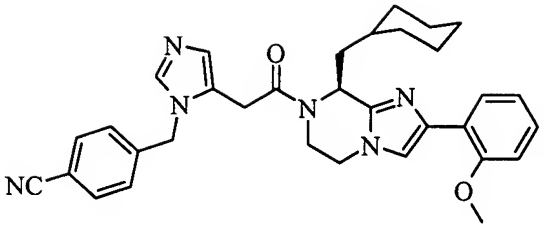

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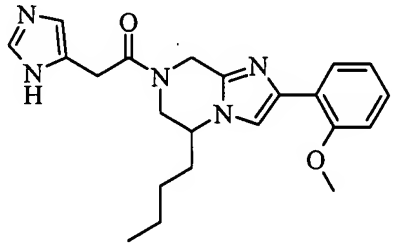

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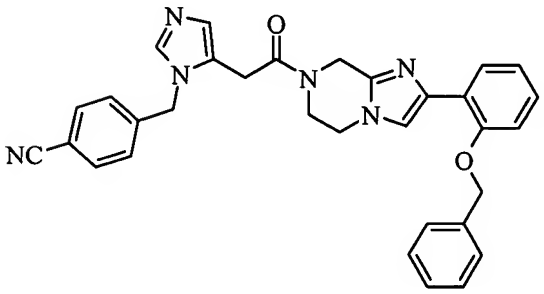

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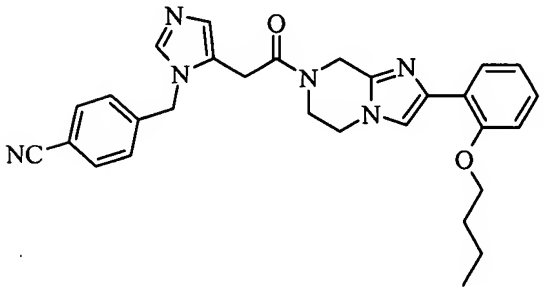

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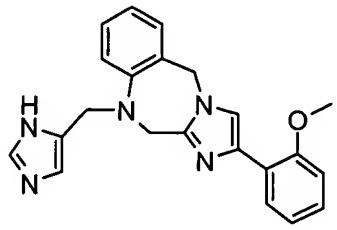

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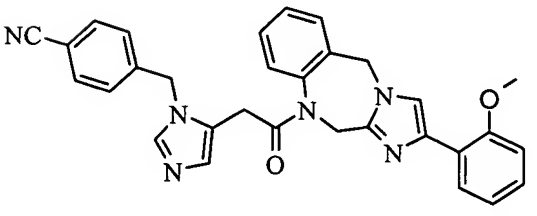

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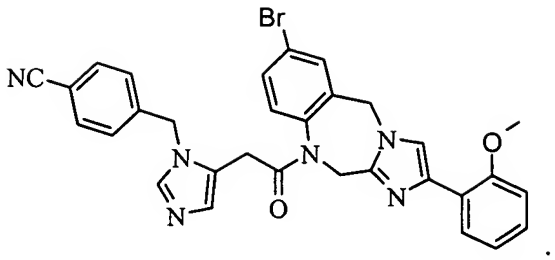
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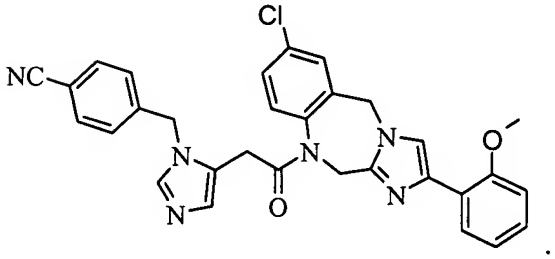
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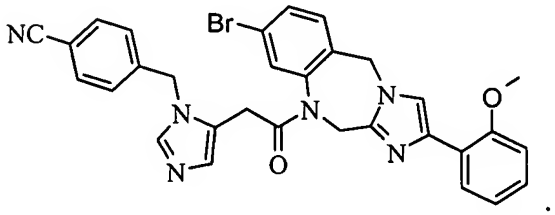
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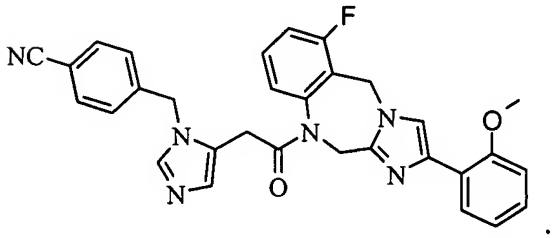
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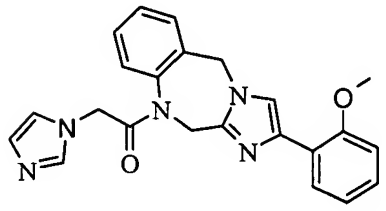
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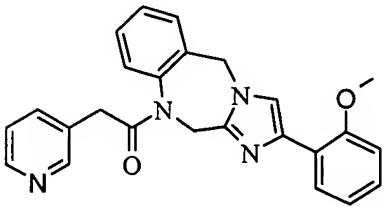
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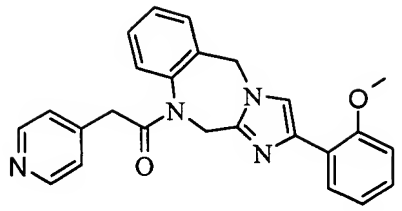

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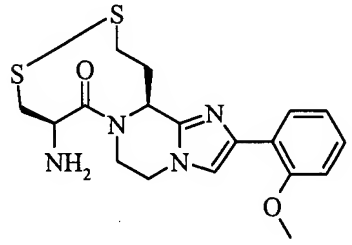

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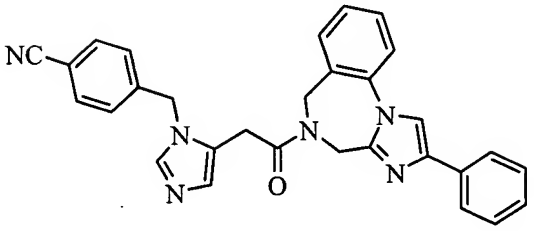

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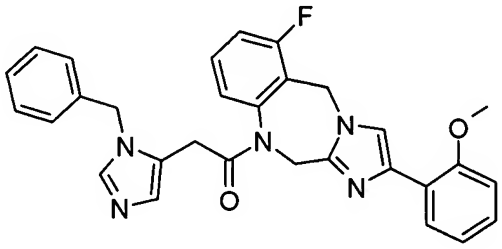
or a pharmaceutically acceptable salt thereof.

16. (Original) A pharmaceutical composition according to claim 2, wherein said farnesyl transferase inhibitor is:



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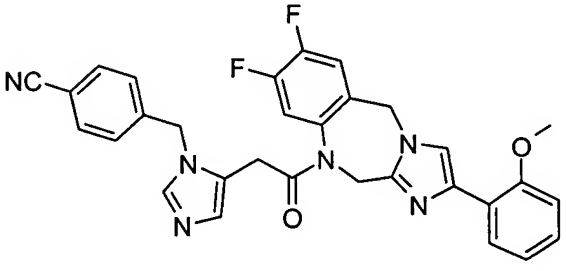

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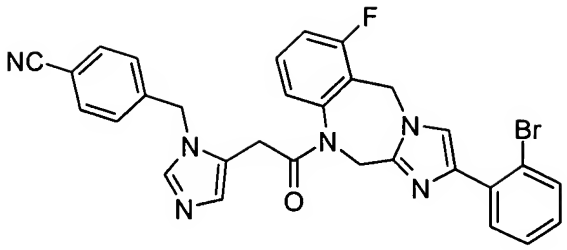
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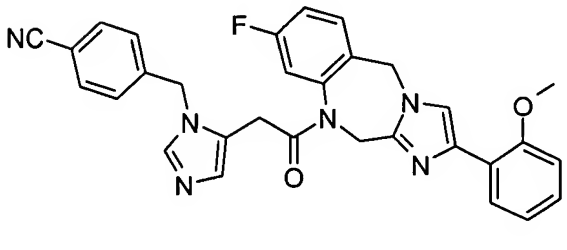
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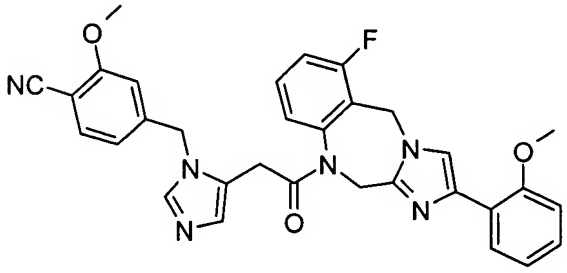
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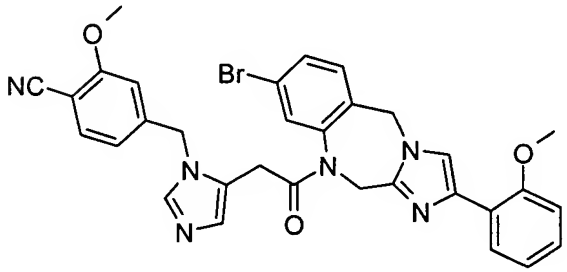
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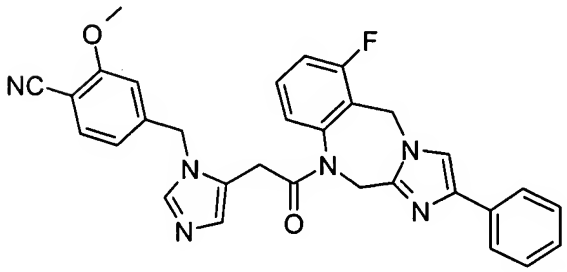
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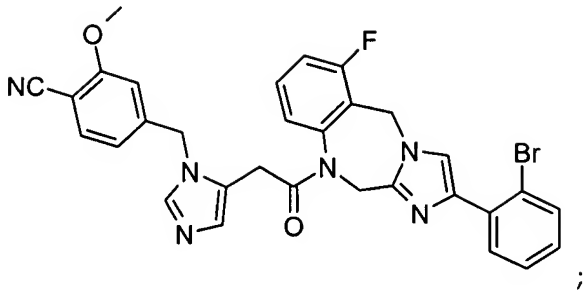
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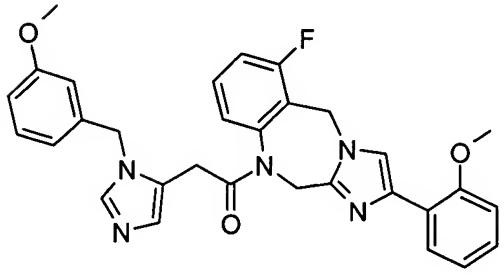
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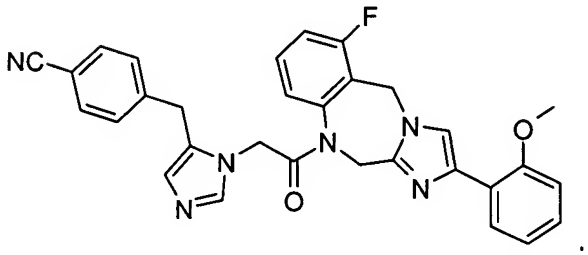
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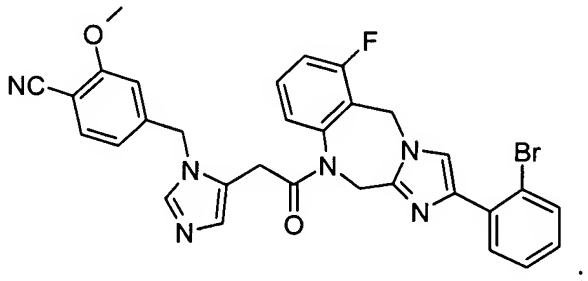
or a pharmaceutically acceptable salt thereof.

17. (Original) A pharmaceutical composition according to claim 16, wherein said farnesyl transferase inhibitor is: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or a pharmaceutically acceptable salt thereof.

18. (Currently amended) A pharmaceutical composition according to claim 17,

wherein said ~~anthracyclin~~ anthracycline is doxorubicin, daunorubicin, epirubicin, idarubicin, or amrubicin, or a pharmaceutically acceptable salt thereof.

19. (Currently amended) A pharmaceutical composition according to claim 17, wherein said ~~anthracyclin~~ anthracycline is doxorubicin, or a pharmaceutically acceptable salt thereof.

20. (Currently amended) A pharmaceutical composition according to claim [[~~1~~]] 2, wherein said ~~anthracyclin~~ anthracycline is doxorubicin, daunorubicin, epirubicin, idarubicin, or amrubicin, ~~or a prodrug thereof,~~ or a pharmaceutically acceptable salt of said ~~anthracyclin~~ anthracycline ~~or of said anthracyclin prodrug~~.

21. (Currently amended) A pharmaceutical composition according to claim 20, wherein said ~~anthracyclin~~ anthracycline is doxorubicin, or a pharmaceutically acceptable salt thereof.

22. (Previously presented) A method of decreasing the rate of proliferation of nasopharyngeal carcinoma cells, said method comprising contacting said nasopharyngeal cells with a pharmaceutical composition according to any one of claims 18 - 21.

23 – 25. (Canceled)

26. (Previously presented) A method of treating nasopharyngeal carcinoma in a patient, said method comprising administering to said patient a pharmaceutical composition according to any one of claims 18 - 21.

27 – 29. (Canceled)

30. (Currently amended) A method of treating nasopharyngeal carcinoma in a patient, said method comprising administering to said patient an effective amount of one or more farnesyl transferase ~~inhibiting~~ ~~compound~~ inhibitor according to claim 2 in combination with an effective amount of one or more anthracycline ~~compound~~, wherein said effective amount of said farnesyl transferase ~~inhibiting~~ ~~compound~~ inhibitor or ~~compounds~~ inhibitors and of said anthracycline ~~compound or compounds~~ or anthracyclines are effective in combination to treat said nasopharyngeal carcinoma.

31. (Original) A method according to claim 30 wherein said patient is a mammal.

32. (Original) A method according to claim 31 wherein said patient is a human being.

33. (Currently amended) A method according to claim 32 wherein said farnesyl transferase ~~inhibiting~~ ~~compound~~ inhibitor and said anthracycline ~~compound~~ are administered substantially simultaneously.

34. (Original) A pharmaceutical kit comprising a composition according to claim 18 and instructions for use of said composition for the treatment of nasopharyngeal carcinoma.

35 – 37. (Canceled)

38. (Currently amended) A kit comprising: a) a first unit dosage form comprising a farnesyl transferase inhibitor according to claim 2, ~~a prodrug thereof~~ or a pharmaceutically acceptable salt thereof ~~of said farnesyl transferase inhibitor or of said farnesyl transferase inhibitor prodrug~~ and a pharmaceutically acceptable carrier, vehicle or diluent; b) a second unit dosage form comprising an anthracycline, ~~a prodrug thereof~~

or a pharmaceutically acceptable salt thereof ~~of said anthracycline or of said anthracycline prodrug~~ and a pharmaceutically acceptable carrier, vehicle or diluent; and c) a container.

39 - 40. (Canceled)